BOX OFFICE

All-In-One High Definition Media Player

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1. Product Information

1.1 Specification

■ Hardware Spec.

Exterior Interfaces	Video Output	RCA Composite Out	x 1
		HDMI 1.3 Out	x 1
	Audio Output	RCA Audio Out L/R	x 1
		SPDIF(Optical)	x 1
	File transfer port	USB 2.0 Host port	2 Ports (USB 1 / USB 2)
	Data transfer with PC	USB 2.0 mini port	x 1
	Ethernet	10/100Mbps RJ-45	x 1

■ Wireless Adapter: (Optional)

Patriot USB 802.11g Wi-Fi adapter – PWA20G	Optional

Note: For compatibility it is recommend to only use Patriot USB 802.11g Wi-Fi adapter (Part# PWA20G)

■ Software Spec.

Multi-Media Support	Video Decoding (Movie)	MPEG-1 MPEG-2 MPEG-4 DivX 3/4/5/6/7, Xvid H.264, AVC WMV 9 FLV ISO Real Video 8/9/10	MPG/MPEG/DAT support up to 1080p MPG/MPEG/VOB/ISO/IFO/TS/TP/M2TS up to 1080p MP4/AVI/MOV support up to 1080p AVI/MKV/ support up to 1080p TS/AVI/MKV/MOV/M2TS support up to 1080p WMV support up to 1080p FLV support 352x288 ISO image RM/RMVB support up to 720p
	Audio Decoding (Movie)	Dolby™ Digital AC3, DTS (Not Pass Through) MPEG-I Layer 1/2/3, MPEG-II Layer 1/2, Real Audio, AAC, WMA, LPCM HDMI RAW/SPDIF RAW output to Amplifier for decoding 5.1/7.1 audio channels	
	Audio Decoding (Music)	WMA, MP3, Real Audio (RA), WAV, OGG, AAC, FLAC	
	Picture Format	JPEG, BMP, PNG	

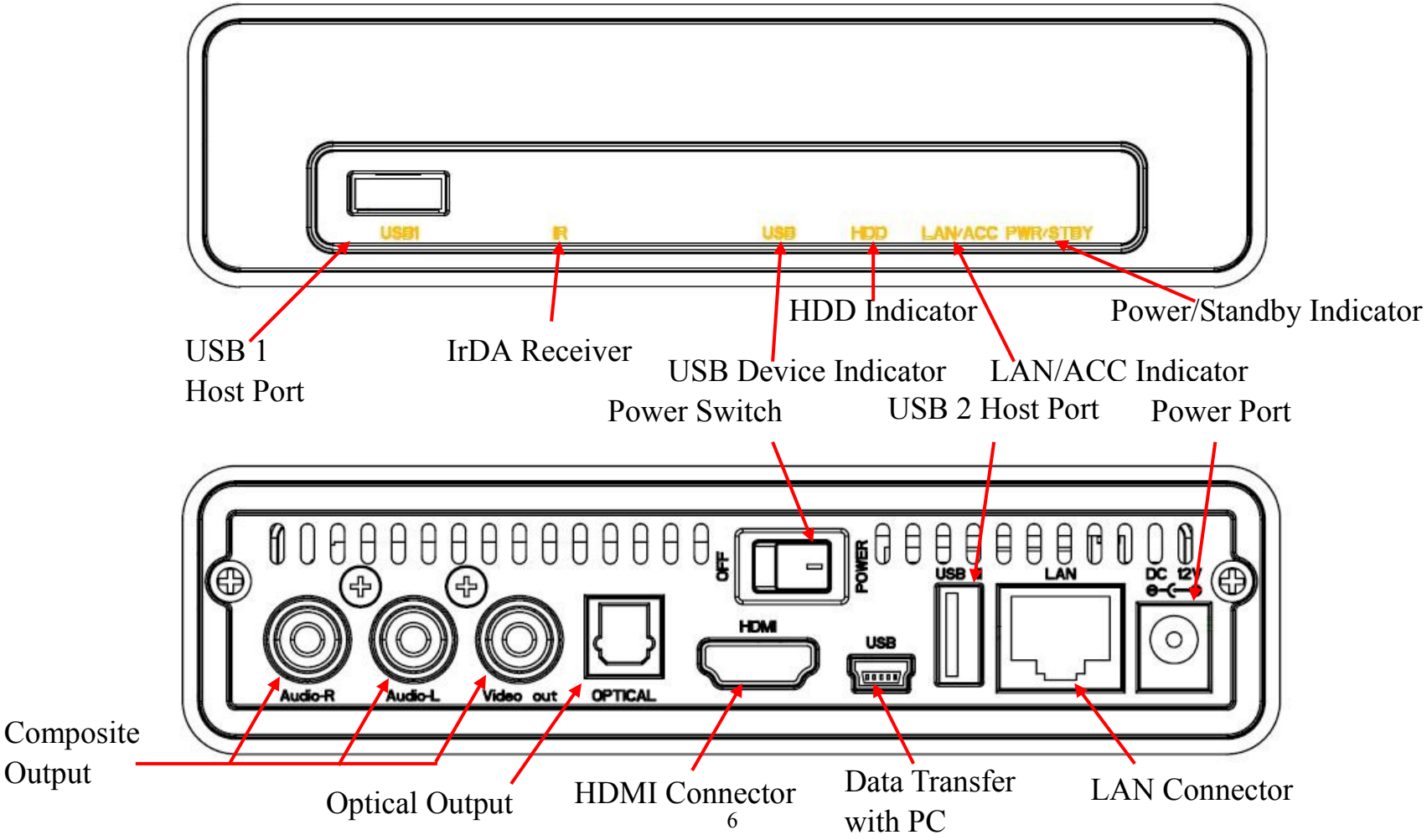
Note: Product features and specifications are subject to change at any time without notice.

1.2 Package Contents

- Box Office High Definition Media Player x 1
- Remote Control x 1
- Power Adaptor (12V, 2A) x 1
- Composite Video/Stereo audio Cable x 1
- USB Cable x 1
- Quick Start Guide x 1
- User CD Disc x 1

2. Easy Installation Guide

2.1 Front / Back Panel



2.2 HDD Installation

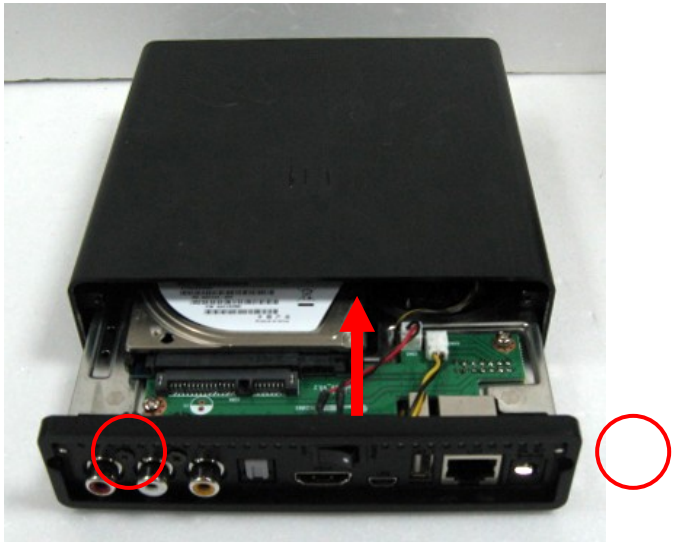
NOTE: Installing an internal 2.5” Hard Disk Drive is optional. Box Office can play back media through a connected USB storage device or on the NET via the built-in 10/100 LAN connection or via the optional Patriot USB 802.11g Wi-Fi adapter.

Step 1: Remove the two screws in the rear panel, and then slide out the tray.

Step 2: Install a 2.5” SATA SSD or HDD to the SATA connector.

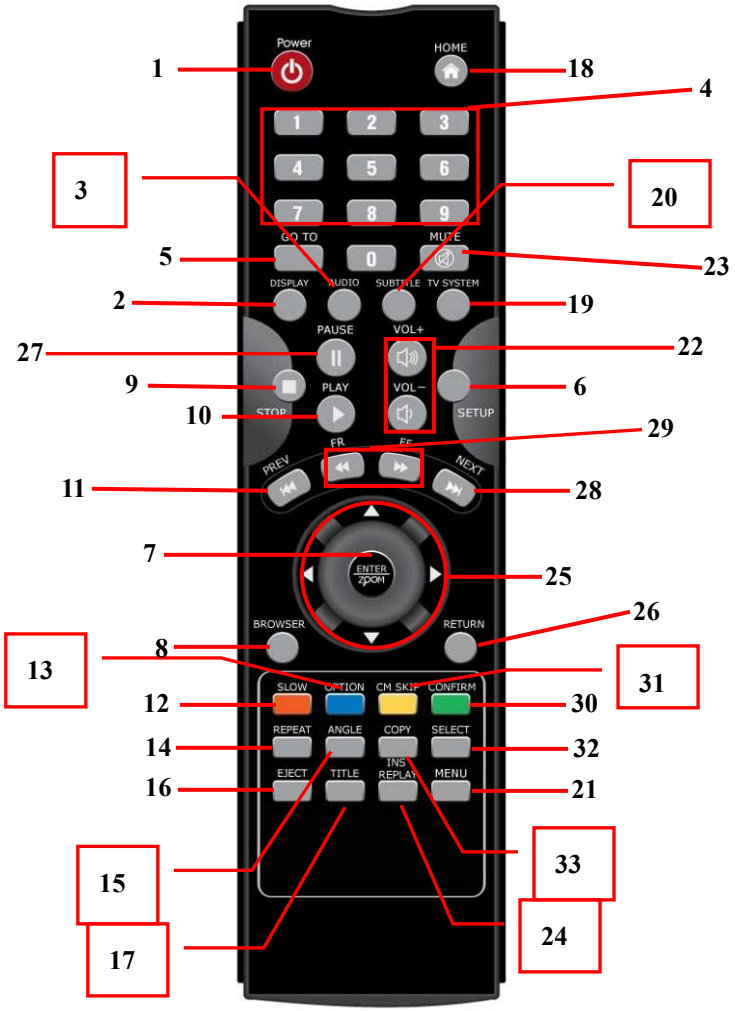
Step 3: Secure the drive to the tray by installing the screws on both sides of the drive.

Step 4: Slide the tray back into the aluminum case and secure the try by installing the two screws removed in Step 1.



3. Using Box Office

3.1 Remote Control



1. POWER
2. Display
3. Audio
4. Number Buttons
5. GOTO
6. Setup
7. Enter/ZOOM
8. Browser
9. STOP
10. PLAY
11. PREV
12. SLOW
13. Option
14. REPEAT
15. ANGLE
16. EJECT
17. TITLE
18. HOME
19. TV SYSTEM
20. SUBTITLE
21. MENU
22. VOL + / -
23. MUTE
24. REPLAY
25. Navigation
26. RETURN
27. PAUSE
28. NEXT
29. FR/FF
30. CONFIRM
31. CM SKIP
32. SELECT
33. COPY

3.2 Getting Started

Installed the AAA batteries in the remote control.

3.2.1 Connect Box Office to your TV

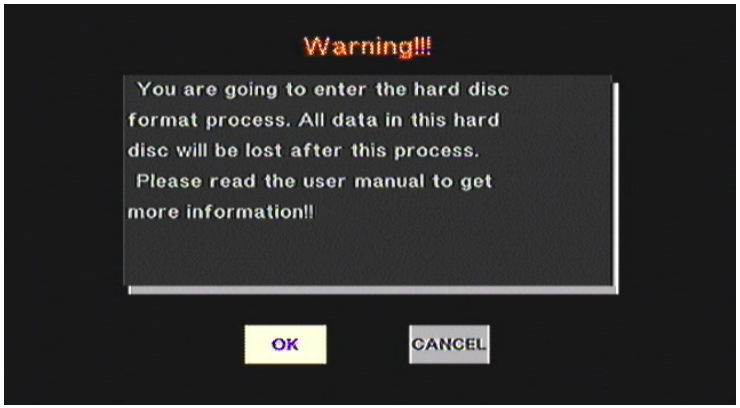
Connect either the HDMI cable or Composite cable from Box Office to your TV.

- When connecting with the HDMI cable, Box Office will automatically detect and use the highest resolution for your TV.
- To use the Composite cable (CVBS) to connect Box Office to your TV, your TV must be either PAL or NSTC.

3.2.2 Starting Box Office

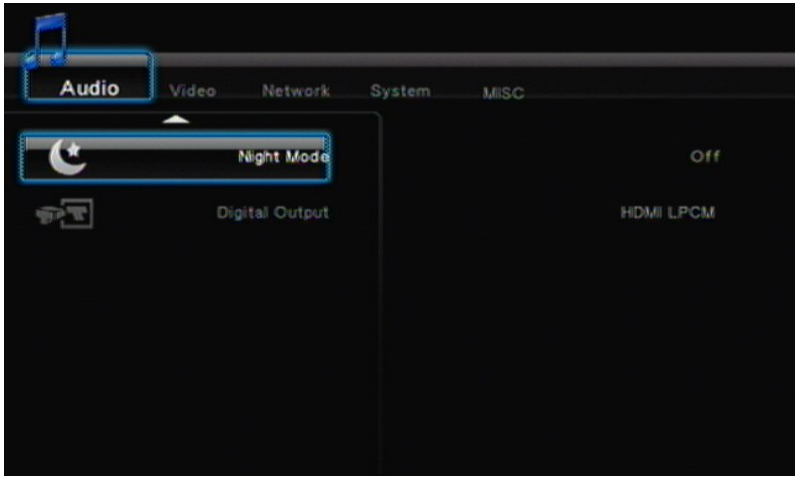
When using Box Office for the first time, you will be required to format the hard drive (if applicable).

NOTE: Installing an internal 2.5” Hard Disk Drive is optional. Box Office can play back media through a connected USB storage device or on the NET via the built-in 10/100 LAN connection or via the optional Patriot USB 802.11g Wi-Fi adapter.


Warning!!!
You are going to enter the hard disc format process. All data in this hard disc will be lost after this process. Please read the user manual to get more information!!
OK
CANCEL

3.2.3 Setup

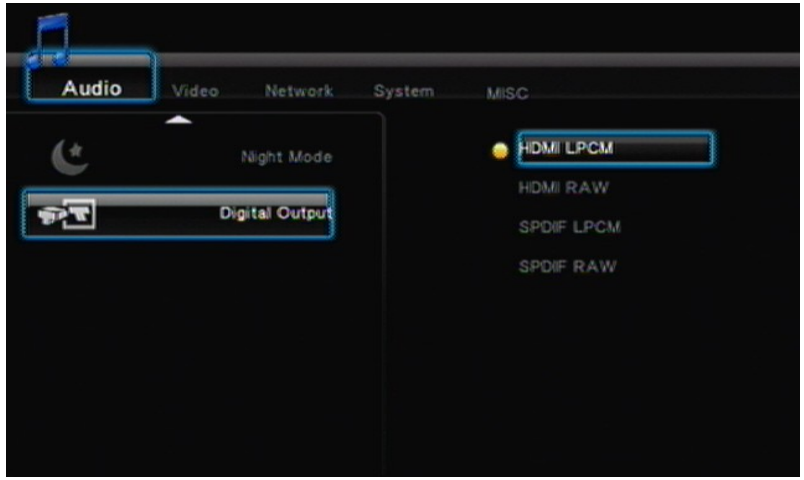
In the main screen, you will find the Setup feature which allows access to Audio, Video, Network, System, and Misc. settings. Enter “setting” by selecting and pressing ENTER (Key 7).



3.2.3.1 Audio

There are 4 digital outputs, HDMI LPCM, HDMI RAW, SPDIF LPCM and SPDIF RAW.

- HDMI LPCM (2CH): When Box Office audio output connects to TV via HDMI, the player will decode audio as STEREO.
- HDMI RAW: When Box Office audio output connects to amplifier via HDMI, the player will send the RAW data to amplifier. Amplifier will decode RAW data into multiple audio channels such as 5.1 or 7.1.
- SPDIF LPCM (2CH): When Box Office audio output connects to amplifier via SPDIF, the player will decode audio as STEREO through amplifier.
- SPDIF RAW: When player audio output connects to amplifier via SPDIF, the player will send the RAW data to amplifier. Amplifier will decode RAW data into multiple audio channels such as 5.1 or 7.1.



TIPS:

- If your TV is only equipped with HDMI connector, select HDMI LPCM(Stereo)
- If your HDMI TV is plugged in to a HDMI amplifier, please choose HDMI RAW or HDMI LPCM(Stereo)
- If you have an HDMI TV with SPDIF amplifier, please choose SPDIF RAW or SPDIF LPCM(Stereo)

3.2.3.2 Video

- Aspect Ratio: Please choose the option that is suitable for your TV. Pan Scan 4:3, Letter Box 4:3, 16:9.
  Pan Scan 4:3 : Keep the height of wide screen, and cut off the right/left screen to fit the 4:3 TV system.
  Letter Box 4:3 : Keep wide screen, and black border will be covered on the top and bottom of screen to fit the 4:3 TV.
  16:9 : Choose 16:9 to fit 16:9 TV system.

- TV System: Choose the right resolution of output to TV.

TV System and Resolution	Standard Resolution(SD)	High Definition Resolution(HD)
NTSC	NTSC, 480p	720p@60Hz, 1080i@60Hz, 1080p@60Hz
PAL	PAL, 576p	720p@50Hz, 1080i@50Hz, 1080p@50Hz

TIPS:

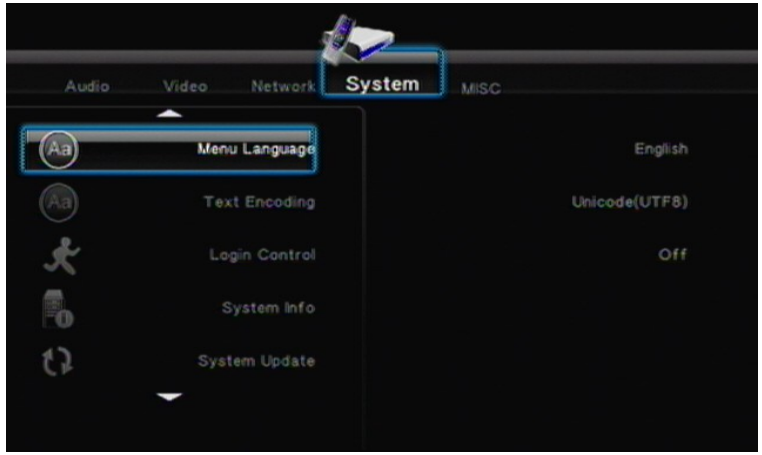
- Only HDMI supports High Definition Resolution
- When connecting Box Office to TV via HDMI, TV will notify player what resolution it supported. If TV does not support a resolution, it can not be selected.
- If a wrong selection is made and your TV screen goes black, you can connect CVBS to set the correct resolution.

3.2.3.3 Network

- Wired LAN Setup: Set the network settings between DHCP (AUTO) and DHCP (Manual). If you have a network device such as a Router, and it assigns IP by itself, please select DHCP (Auto). Otherwise, please manually enter your IP address, subnet mask and default gateway.
- Wireless Setup (Optional): Select to enable the wireless network setting. Connect a USB Wi-Fi adapter and Box Office will detect the Wi-Fi adapter automatically.

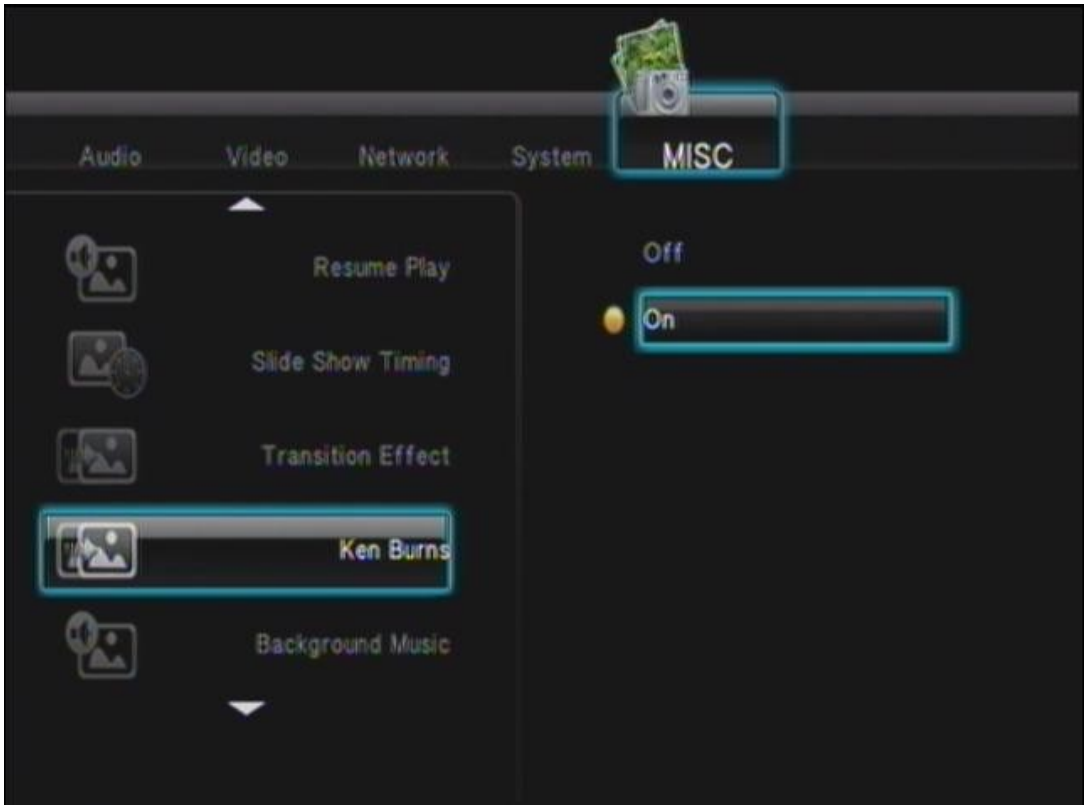
Note 1: For best performance and compatibility it is recommended that the (optional) Patriot USB 802.11g Wi-Fi adapter be used.
Note 2: When using the Wi-Fi Networking option, Box Office will only recognize WEP with Open system, or WPA Personal, or WPA2-Personal settings.

3.2.3.4 System



- Menu Language: Select language. Supported languages: Dutch, English, French, German, Italian, Russian, Spanish and Chinese (Simplified and Traditional).
- Text Encoding: This setting is to display subtitle, file name and folder name in your language. Please select Unicode (UTF8), Simplified Chinese or Traditional Chinese.
- Login Control: Select ON to enable File Sharing and BitTorrent web management access control.
- System Info: To enable File Sharing and BitTorrent services.
- System Update: Select this setting to update the newest firmware. To update the firmware follow the steps below.
  1. Copy the latest firmware file to the root directory of a USB flash drive.
  2. Connect the USB flash drive to USB 1 or USB 2 ports on the Box Office.
  3. Select System Upgrade, than press OK to proceed.
  4. Please allow up to 5 minutes for update to complete. During the update process, DO NOT turn off the power.
  5. When complete, Box Office will reboot automatically.
- HDD Format: When you insert a 2.5” SATA SSD or HDD you will need to format the HDD. Press OK, for the system to start the format process.
- Restore to Default: This function, will restore all settings to default manufacturer stage.

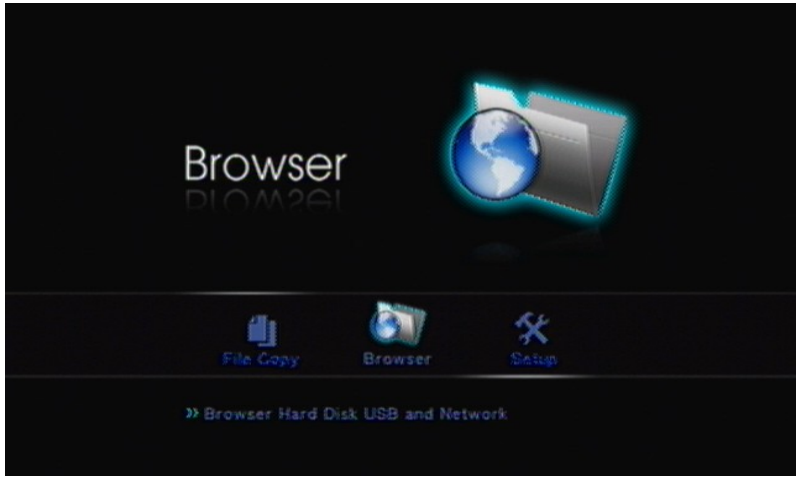
3.2.3.5 MISC

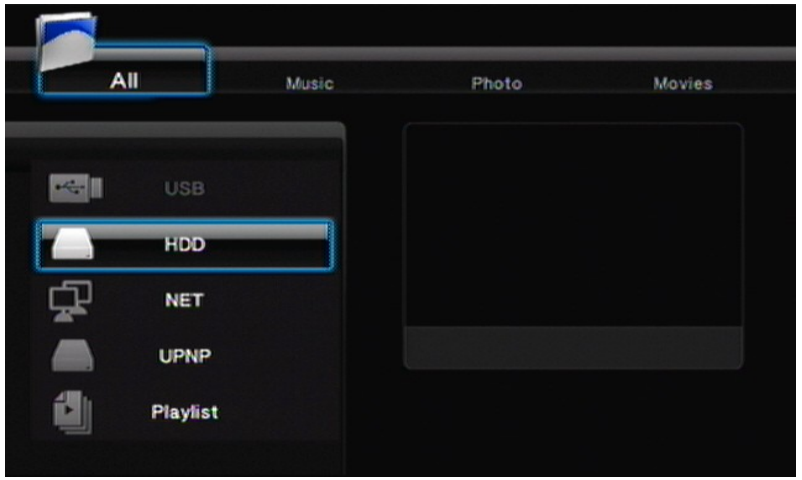


- Resume Play: This feature will enable or disable the resume video function from where the movie was stopped.
- Slide Show Timing: This function is to set the timing for picture viewing on TV. This option includes OFF / 2 Sec / 5 Sec / 10 Sec / 30 Sec / 1 Min and 2 Min timings.
- Transition Effect: Select effect for slide show.
- Ken Burns: This feature enables a widely used technique of slow zooming and panning effects, and fading transitions between them.
- Background Music: Play background music during slide shows.
- Screen Saver: Screen saver will activate if the device is idle for more then 5 minutes.
- Movie Preview: This feature will enable and disable the movie preview screen.

3.2.4 Browser & Play

You can use Box Office to play Music, Photos and Movies by connecting a USB Flash Drive, USB External Drive, NET, UPnP devices on the Network, internal 2.5” drive(see section 2.2).





- After connecting a USB storage device to Box Office, wait a few seconds, for the USB LED indicator to illuminate. This indicates that the device is been detected by Box Office. You can now browse media files. The USB LED indicator will go off once the USB storage device is removed.
- Use the Navigation Right/Left (Key 25) buttons on the remote control to browse Music (only), Photo (only), Movie (only) or Browse for All files on the storage device. You can press RETURN (Key 26) at anytime to return to the previous page.
- Use the Navigation Up/Down (Key 25) buttons on the remote control to select and browse USB, HDD(internal), NET, UPNP or Playlist. You can press RETURN (Key 26) at anytime to return to the previous page.

3.2.4.1 Play Movies

Select the “Movies” or “All” tab to browse movie files. In the browser, use the Up/Down (Key 25) button to select a file or a folder, than press Enter (Key 7) to open/play the selected file or folder. Press RETURN (Key 26) to go back to the previous page. In the browser, when moving the scroll bar to a movie file, you will see the preview on the right side window.(see section 3.2.3.5 to enable the Movie Preview function)

- Press PLAY (Key 10) on the remote control to play the movie.
- Press STOP (Key 9) on the remote control to stop the movie.
- Press PAUSE (Key 27) on the remote control to pause.
- Press FF/FR (Key 29) on the remote control to Fast Forward or Go Backwards.
- Press NEXT (Key 28) / PREV (key 11) on the remote control to advance or go back to a previous chapter if applicable.
- Press SUBTITLE (Key 20) on the remote control to enable or switch subtitles. Box Office supports srt, sub, smi, idx+sub, ssa, ass. It is strongly recommended to rename the subtitle file name to be the same as the movie file name. Multi-Subtitles can carry the same file name; the player will display the different options for you to choose.
  - Text Encoding: This setting is to display subtitle, file name and folder name in different languages. Please select Unicode (UTF8) as default. Selecting the wrong setting, may cause unknown characters to appear on the screen.
  - Time Sync: Adjust the time of subtitle.

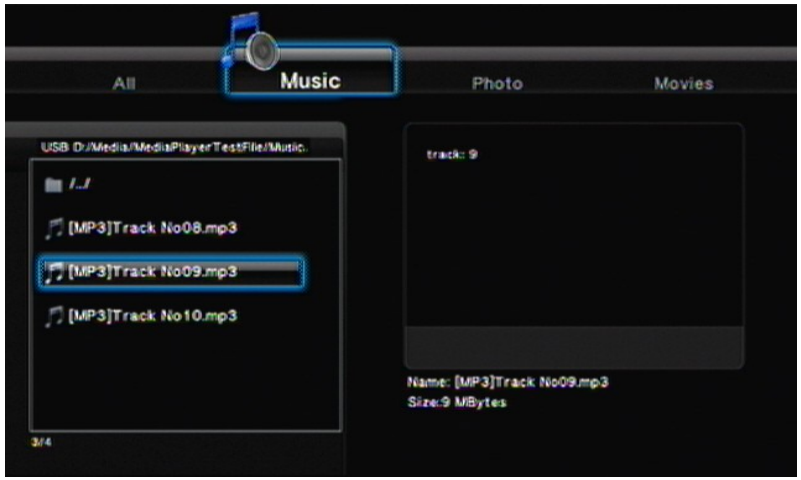
◆ Color: Adjust the color for subtitles.
◆ Size: Adjust the size for subtitles.
◆ Off set: Adjust the position for subtitles.

Adjust the navigation key in playing mode:
Horizontal: Adjust the size of subtitles.
Vertical: Adjust the position of subtitles.

- Press AUDIO (Key 3) on remote control to switch to different audio outputs.
- Press VOL +/- (Key 22) on remote control to increase or decrease the volume.
- Press MUTE (Key 23) on remote control to mute the audio output; press again to resume.
- Press SELECT (Key 32) on remote control to add the movie into PLAYLIST. Press CONFIRM (Key 30) to confirm the change.

3.2.4.2 Play Music

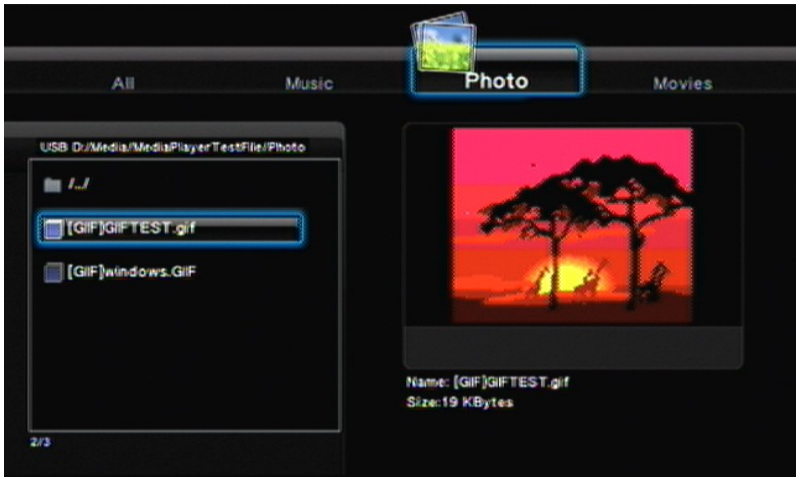
Select the “Music” or “All” tab to browse music files. In the browser, use the Up/Down (Key 25) button to select a file or a folder, then press Enter (Key 7) to play the file or open the folder. Press RETURN (Key 26) to go back to the previous page. In the browser, bye moving the scroll bar to a music file, you will see the music information on the right side window.



- Press PLAY (Key 10) on the remote control to play the music.
- Press STOP (Key 9) on the remote control to stop the music.
- Press PAUSE (Key 27) on the remote control to pause.
- Press FF/FR (Key 29) on the remote control to Fast Forward or Backward.
- Press REPEAT (Key 14) on the remote control to repeat the same music; press again to repeat all music.
- Press VOL +/- (Key 22) on the remote control to increase or decrease the volume.
- Press MUTE (Key 23) on the remote control to mute the audio output; press again to resume.
- Press SELECT (Key 32) on the remote control to add the music into PLAYLIST. Press CONFIRM (Key 30) to confirm the change.

3.2.4.3 Show Photos

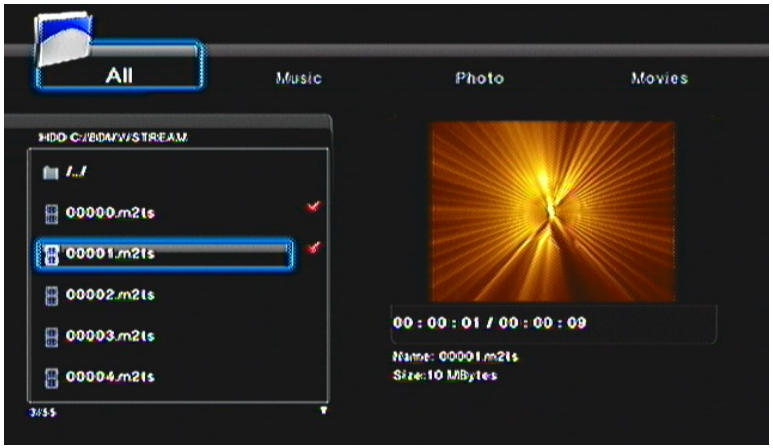
Select the “Photo” or “All” tab to browse photo files. In the browser, use the Up/Down (Key 25) button to select a file or a folder, then press Enter (Key 7) to play the file or open the folder. Press RETURN (Key 26) to go back to the previous page. In the browser, by moving the scroll bar to a photo file, you will see the photo on the right side preview window.



- Press PLAY (Key 10) the on remote control to play the photo.
- Press STOP (Key 9) on the remote control to stop the photo.
- Press PAUSE (Key 27) on the remote control to pause.
- Press VOL +/- (Key 22) on the remote control to increase or decrease the volume.
- Press SELECT (Key 32) on the remote control to add photo into PLAYLIST. Press CONFIRM (Key 30) to confirm the change.

3.2.4.4 Adding content to PLAYLIST

The Playlist option will create a shortcut to quickly access media files. You can play all selected files together regardless of where they are located.



- Open the Browser and go to the media files that you would like to put in the PLAYLIST.
- Press SELECT (Key 32) to choose file(s).
- Press CONFIRM (Key 30) to add the file(s) into the PLAYLIST.

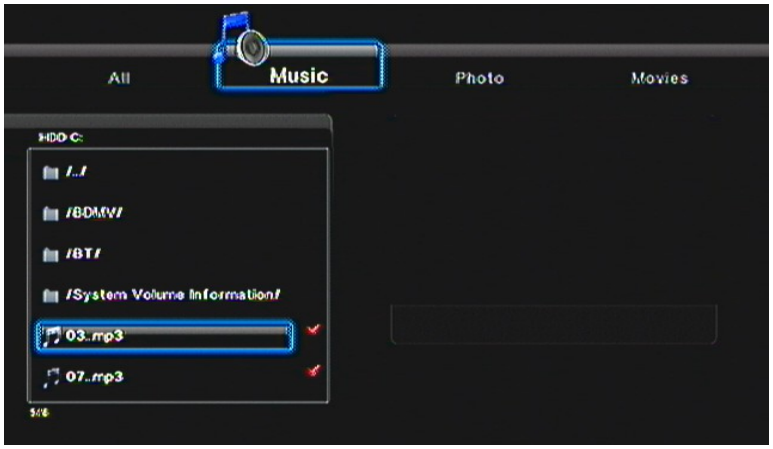
You will now see the file(s) that you selected in PLAYLIST.

TIPS:

- The PLAYLIST function is only available if you have installed a 2.5” SATA SSD or HDD into Box Office(see section 2.2 for installation of 2.5” drive). The PLAYLIST function is not available for USB storage devices such as external USB HDD or USB Flash Drives.
- Only files can be added to the PLAYLIST, folders are not selectable to be added to the PLAYLIST.

3.2.4.5 Slide Show

While running the Slide Show to view photos, you can play music in the background.



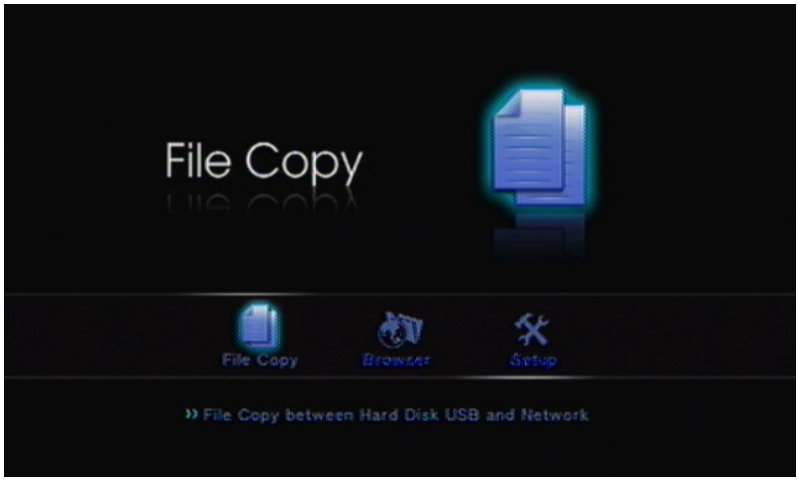
- Go to Setup → MISC → Slide Show Timing to a set the timing for a slide show.
- Go to Background Music to set the source for music files from Folder or PLAYLIST.
- Go back to Browser and press Right/Left to choose the Music tab.
- Add music files into PLAYLIST. Press SELECT (Key 32) to select and press Confirm (Key 30) to confirm the change.
- Press Right/Left to choose the Photo tab and choose photos that you would like to play in the slide show.
- Press PLAY (Key 10) or ENTER (Key 7) to play the slide show.

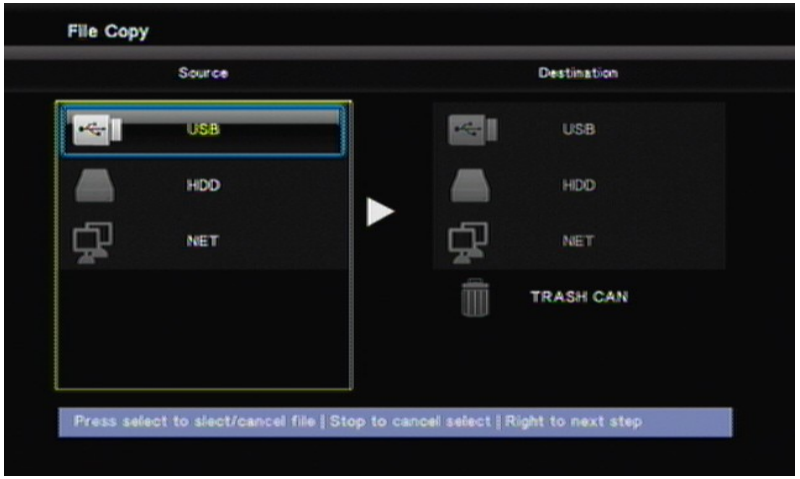
TIPS:

- If you set the Background Music source to a Folder, all the photos and music files must be in the same folder to have background music play during the slide show.

3.2.4.6 File Copy

This function will allow copy, move or delete file(s) between a USB storage device, Internal 2.5” drive, and a network source. Press COPY (Key 33) to go to the File Copy menu.





- Use Up/Down (Key 25) to move the scroll bar and choose the source and destination. Press ENTER (Key 7) to proceed.
- Press ENTER (Key 7) to go into folders for both Source and Destination.
- Press SELECT (Key 32) to select the source file that you want to copy. Press again to cancel the selection.
- Press RIGHT (Key 25) to COPY the file to the chosen destination. Choose “OK” or “MOVE”, to copy or move to move the selected file(s).
- If you choose TRASH CAN as a destination, the file(s) will be deleted.

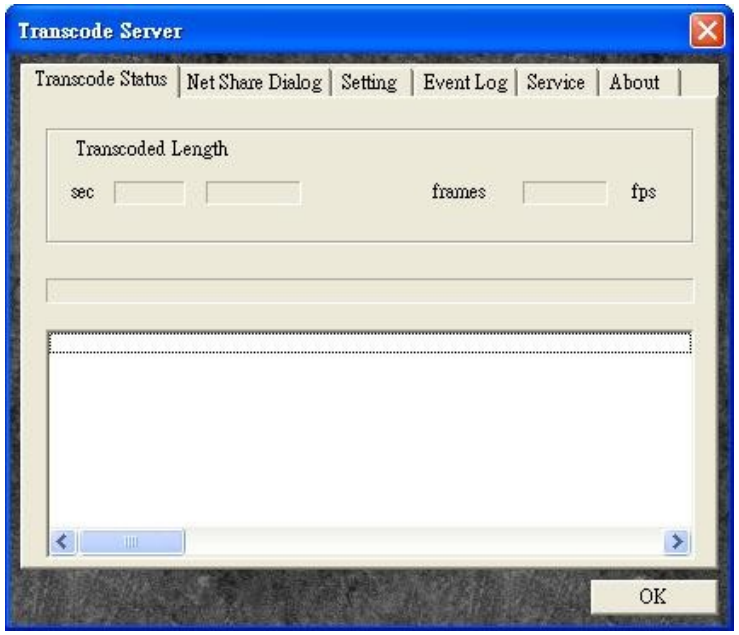
4. Transcoding Software

To enable Box Office's BitTorrent feature the Transcode Server must be installed using the CD shipped with the unit.

4.1 Install and run Transcode Server

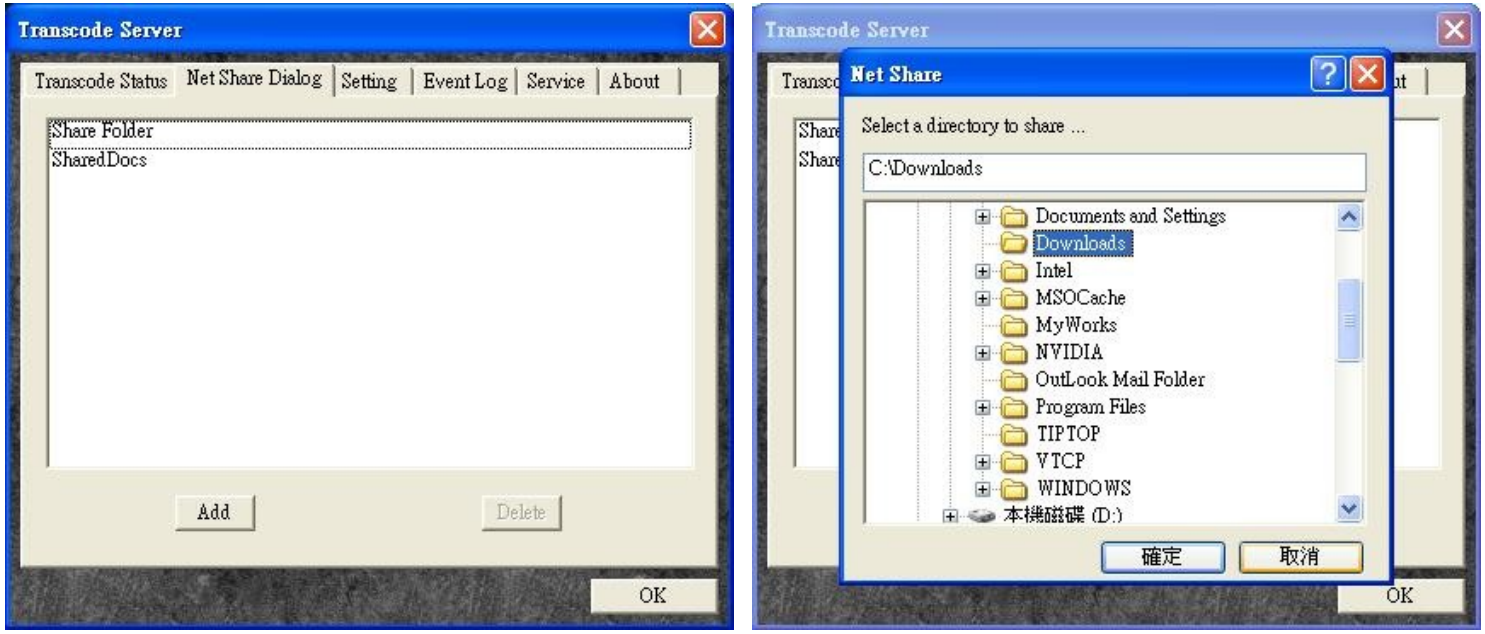
Please find the Transcode Server software on the CD, and install

on your Computer. When running Transcode Server on your PC, you should see the following screen:



4.2 Adding Share Folders on PC

Adding share folders to NetShare Dialog will help Box Office to recognize the folder on the intranet quickly. It will be categorized under My_Neighbors where it is easy for you to find.



TIPS:

- Select a folder, and then click OK. The folder will be added to the NetShare Dialog as an Open Shared Folder on the intranet.

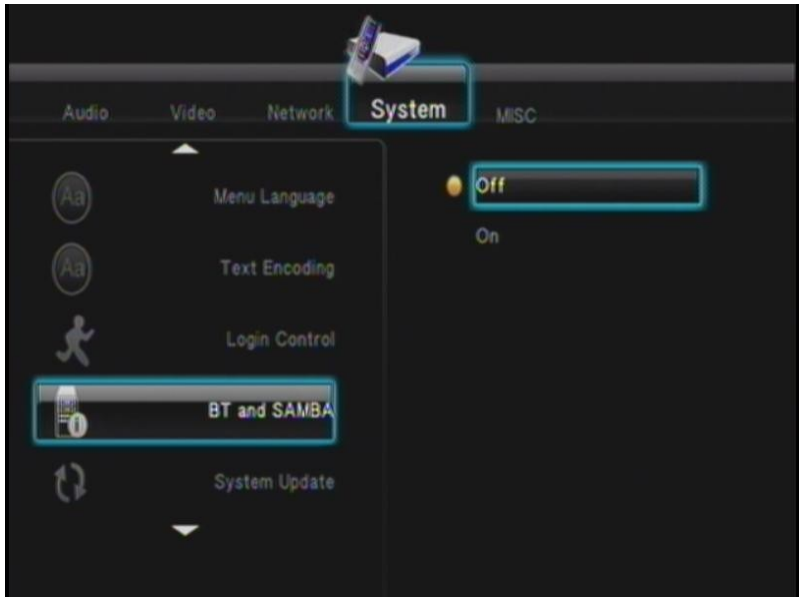
4.3 Connect to File Sharing folders and BitTorrent download management

Please make sure you are connected to the Network and IP had been assigned (Either assign from DHCP server or fixed IP) to the Box Office. If you set the IP for Box Office correctly, you will see the IP address when you click on **Service tab**. If not, please click on Scan tab to obtain an IP address.

Note: Before you set up File Sharing and BitTorrent download management, install a 2.5” SATA Hard Drive into Box Office. Otherwise, this function will not work properly.

4.3.1 Set up the Box Office

Before you access the File Sharing folder or BitTorrent download management, you will need to set up the player.



Move the scroll bar down to BT and SAMBA, and then press OK on remote control. The system will show two options (On/Off). Move the scroll bar down to On and then press OK, it will enable the BT and SAMBA function.

4.3.2 Connect to File Sharing Folder

Click on “Visit Neighbor” on Transcode Server, you will be leaded to the File Sharing folders. You will be able to browse all the files that you had stored inside the 2.5” SATA HDD.

4.3.3 Connect to BT Download Management

Click on “Neighbor Web” on Transcode Server, it will leaded to the P2P download web user interface. You will be able to add/delete BT seeds with user interface. If you set the Login Control as ON, login account and password are required. The default account name is **admin** and password is **123**.

4.3.4 Account Management

Enable the “Login Control” in System of Box Office before you click on Account Management. After the Login Control is set, the system will require you to login. Default settings are:
Account name: admin
Password: 123
Click on Account Management of Neighbor Web to modify your password. Click on Enter to modify new password.